

### **WHAT IS CLAIMED IS:**

1. A wire connector, comprising a main body, an upper cover, an upper cutter, a lower cover, and a lower cutter, wherein:

the main body has an inner wall formed with a receiving chamber;

5 the upper cover is mounted in an upper portion of the receiving chamber of the main body and has an inside formed with a channel;

the upper cutter is inserted into the channel of the upper cover and has a surface formed with a plurality of equally spaced cutting slots;

10 the lower cover is mounted in a lower portion of the receiving chamber of the main body and has an inside formed with a channel; and

the lower cutter is inserted into the channel of the lower cover and has a surface formed with a plurality of equally spaced cutting slots.

2. The wire connector in accordance with claim 1, wherein the receiving chamber of the main body has an oblong shape.

15 3. The wire connector in accordance with claim 1, wherein the receiving chamber of the main body has a periphery formed with a plurality of insertion recesses.

4. The wire connector in accordance with claim 3, wherein the upper cover has two ends each having a lower portion formed with a guide plate  
20 having an outer wall formed with two locking hooks each locked in a respective one of the insertion recesses of the receiving chamber of the main body.

5. The wire connector in accordance with claim 3, wherein the lower cover has two ends each having an upper portion formed with a guide plate having an outer wall formed with two locking hooks each locked in a respective one of the insertion recesses of the receiving chamber of the main body.

6. The wire connector in accordance with claim 1, wherein the upper cover has two side walls each having a lower portion formed with a plurality of arc-shaped grooves.

7. The wire connector in accordance with claim 1, wherein the upper cover has a top formed with an action portion having a first section formed with an oblique face and a second section formed with an arcuate face.

8. The wire connector in accordance with claim 1, wherein the upper cutter is a single-plate conductive plate.

9. The wire connector in accordance with claim 1, wherein the lower cover has two side walls each having an upper portion formed with a plurality of arc-shaped grooves.

10. The wire connector in accordance with claim 1, wherein the lower cover has a bottom formed with an action portion having a first section formed with an oblique face and a second section formed with an arcuate face.

11. The wire connector in accordance with claim 1, wherein the lower cutter is substantially U-shaped.

12. The wire connector in accordance with claim 1, wherein the lower cutter is a dual-plate conductive plate.

13. The wire connector in accordance with claim 1, wherein the main body has an outer wall formed with a protruding receiving block connected to the receiving chamber of the main body for passage of a plurality of electric wires.

14. The wire connector in accordance with claim 1, wherein the guide plate of the upper cover is rested on a wall of the receiving chamber of the main body.

10 15. The wire connector in accordance with claim 1, wherein the guide plate of the lower cover is rested on a wall of the receiving chamber of the main body.